**Fig. 1**

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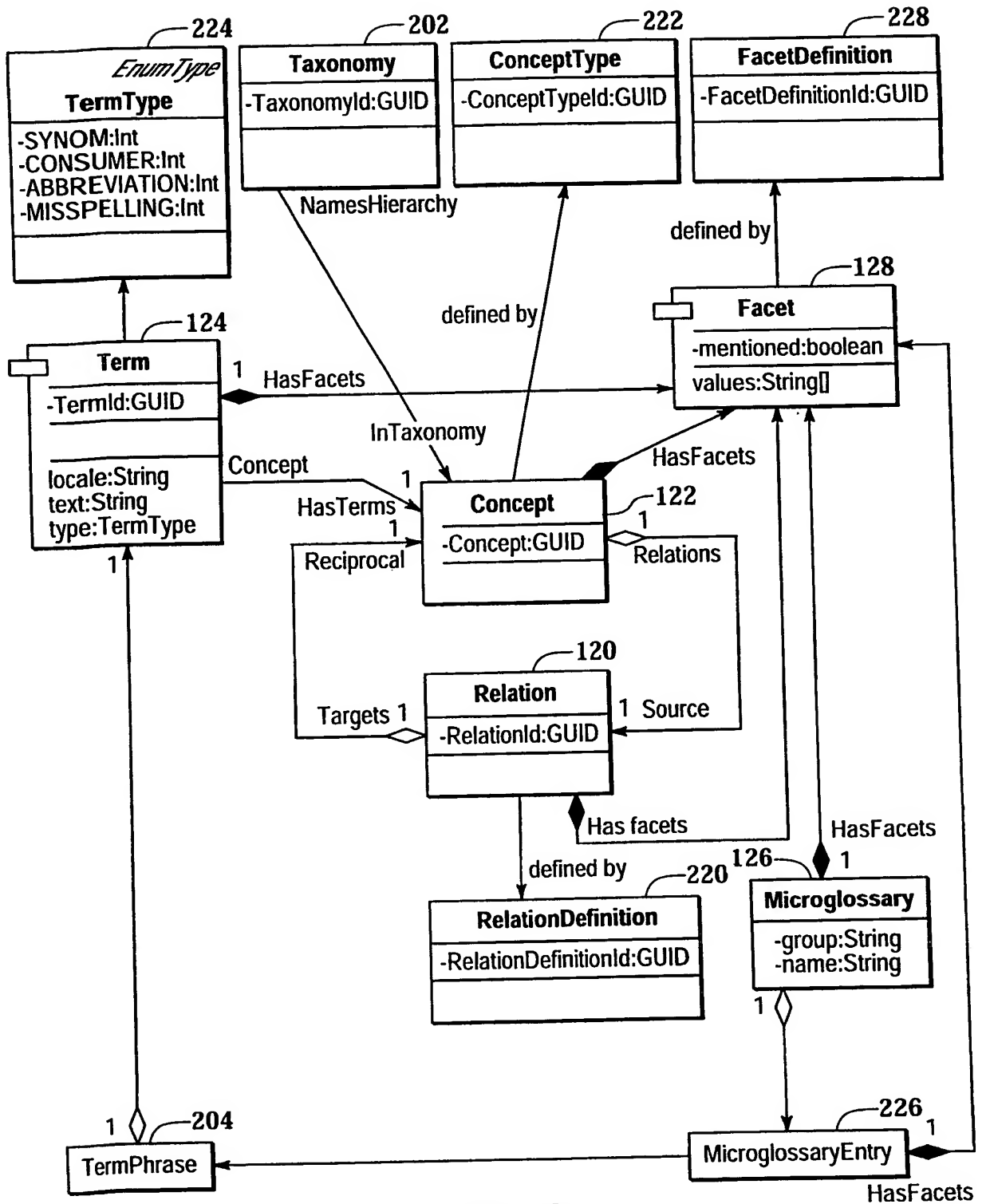
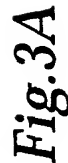
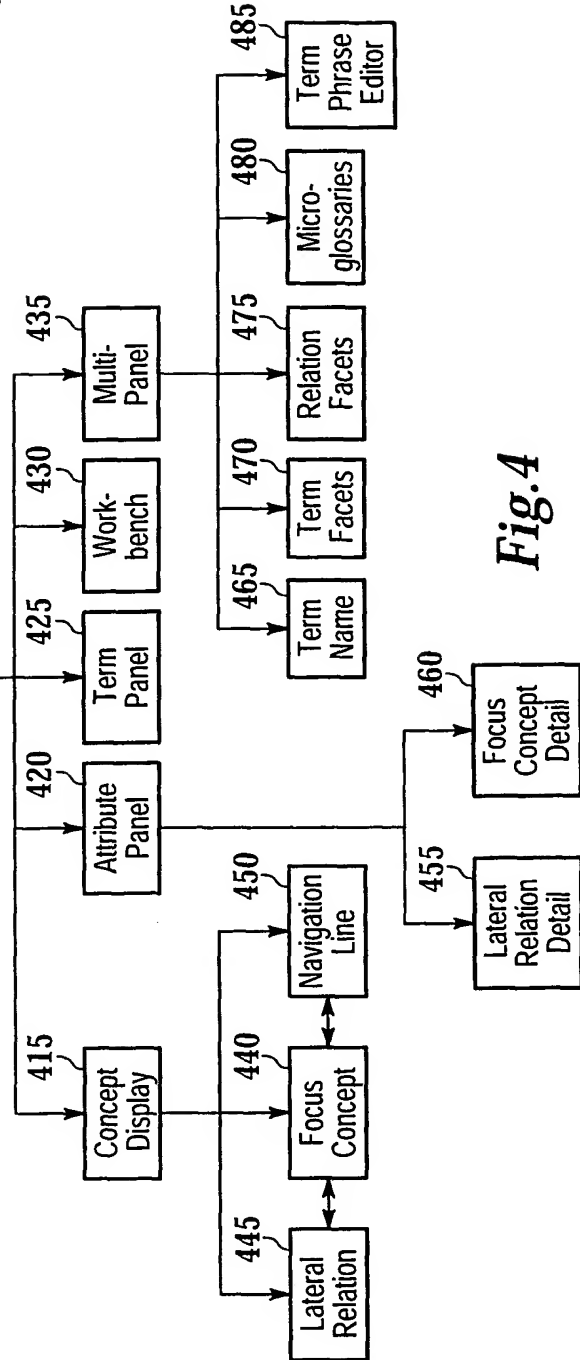
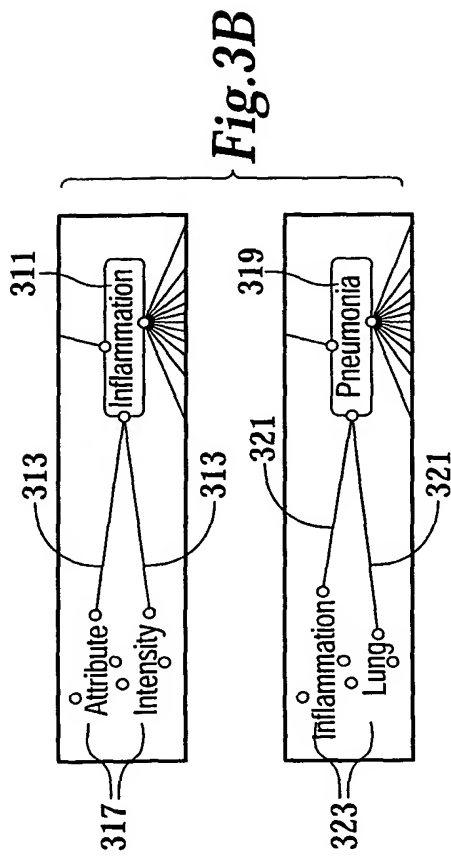


Fig.2

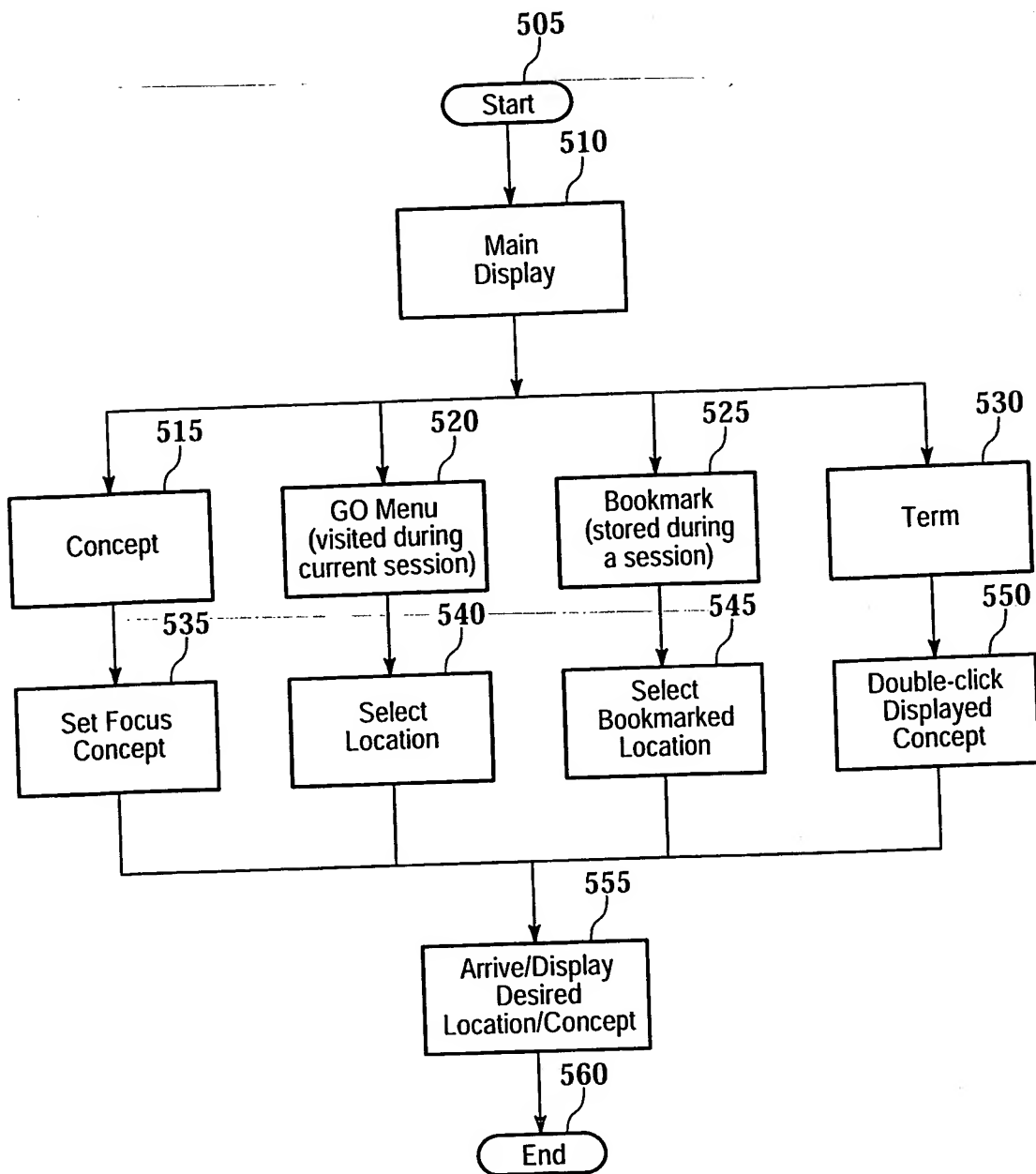


Activating concept, please wait

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**Fig.5**

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Search the LE Content

☐ Full Text Search -OR- ☐

☐ By Term ☐ By Facet ☐ Restrict Taxonomy ☐ Restrict Concept Type

☐ Exact Match ☒ Contains ☐ Starts With ☐ Fuzzy

Heart Disease

Search

Search Results

Any Term	Display	Concept Type
Acute edema of lung...	Left heart failure	FOUNDATION
Acute heart disease	Acute heart disease	FOUNDATION
Acute ischaemic heart...	Acute ischaemic heart...	ICD-10
Acute ischaemic heart...	Acute ischaemic heart...	ICD-10-AM
Acute ischaemic heart...	Acute ischaemic heart...	FOUNDATION
Acute pulmonary ede...	Left heart failure	FOUNDATION
Acute pulmonary heart...	Acute pulmonary heart...	FOUNDATION
Acute pulmonary heart...	Acute pulmonary heart...	ICD-9-CM
Acute rheumatic heart...	Acute rheumatic heart...	FOUNDATION
Acute rheumatic heart...	Acute rheumatic heart...	ICD-10-AM
Acute rheumatic heart...	Acute rheumatic heart...	ICD-10

Showing first 25 of 182 results

Last 25 Next 25 Close

Fig. 6B

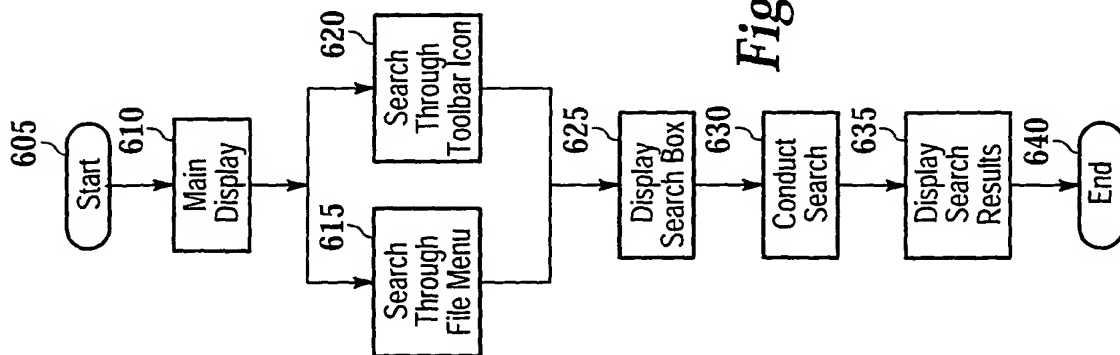
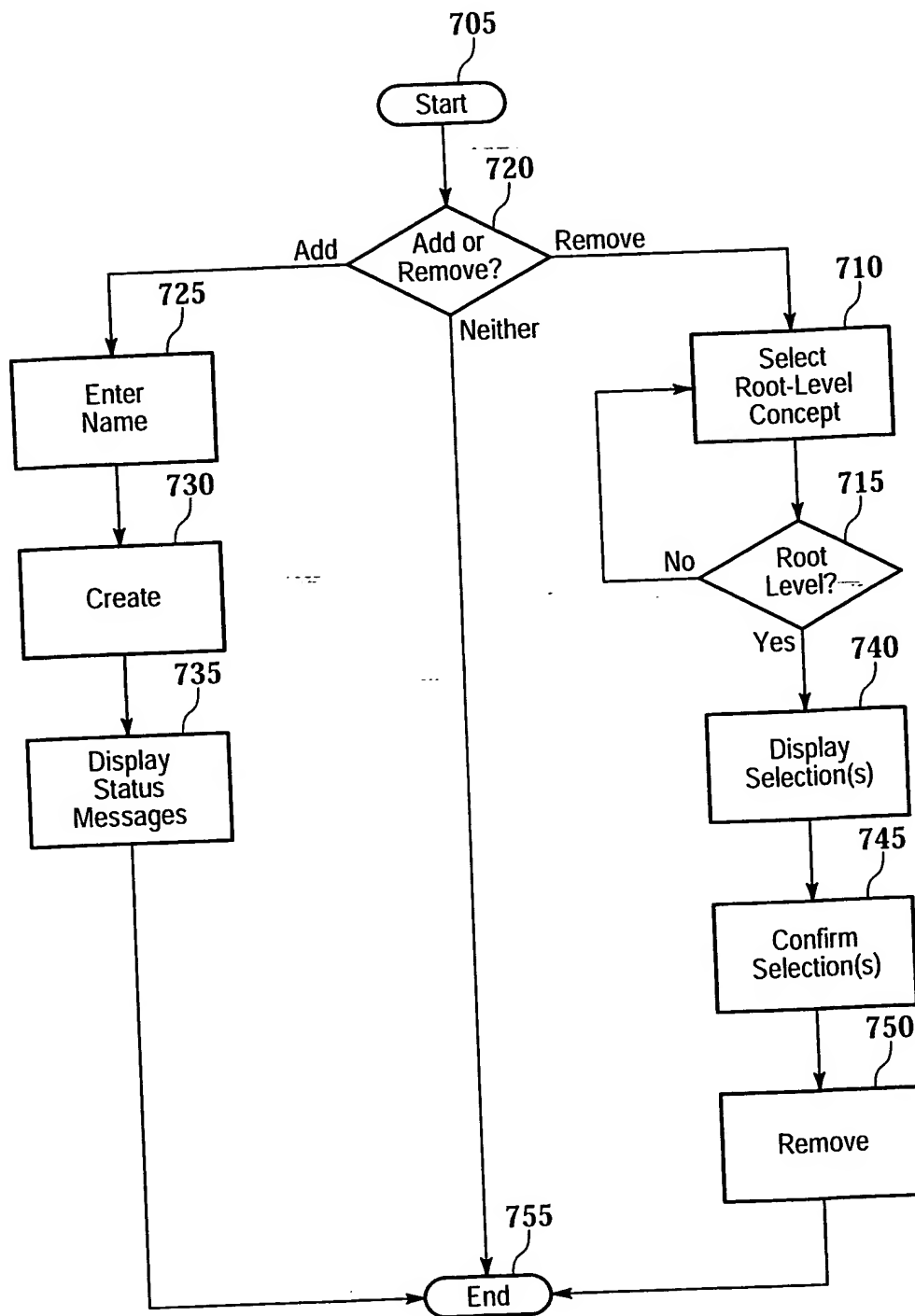


Fig. 6A

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**Fig. 7**

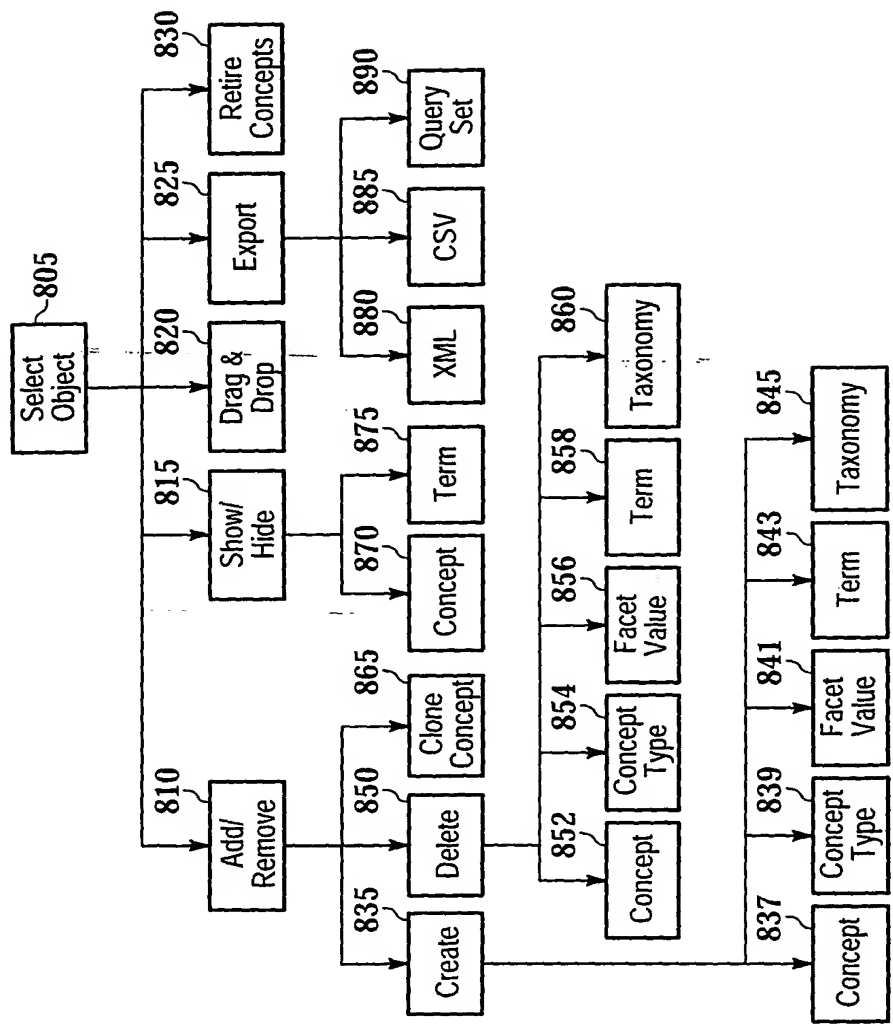


Fig.8A

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872 874 876 878

Concept Type Displayability Settings

Check concept types that should be displayed for the respective components

Concept Type	Plex	Attribute Table	Search Dialog
CPT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
First DataBank	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FOUNDATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HCPC8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ICD-10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ICD-10-AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ICD-9-CM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ICPC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MeSH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NIC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Fig.8B

Concept Type Displayability Settings

GUID

Concept Type Name

Concept Type Nickname

Description

836 838 840 842

Fig.8C

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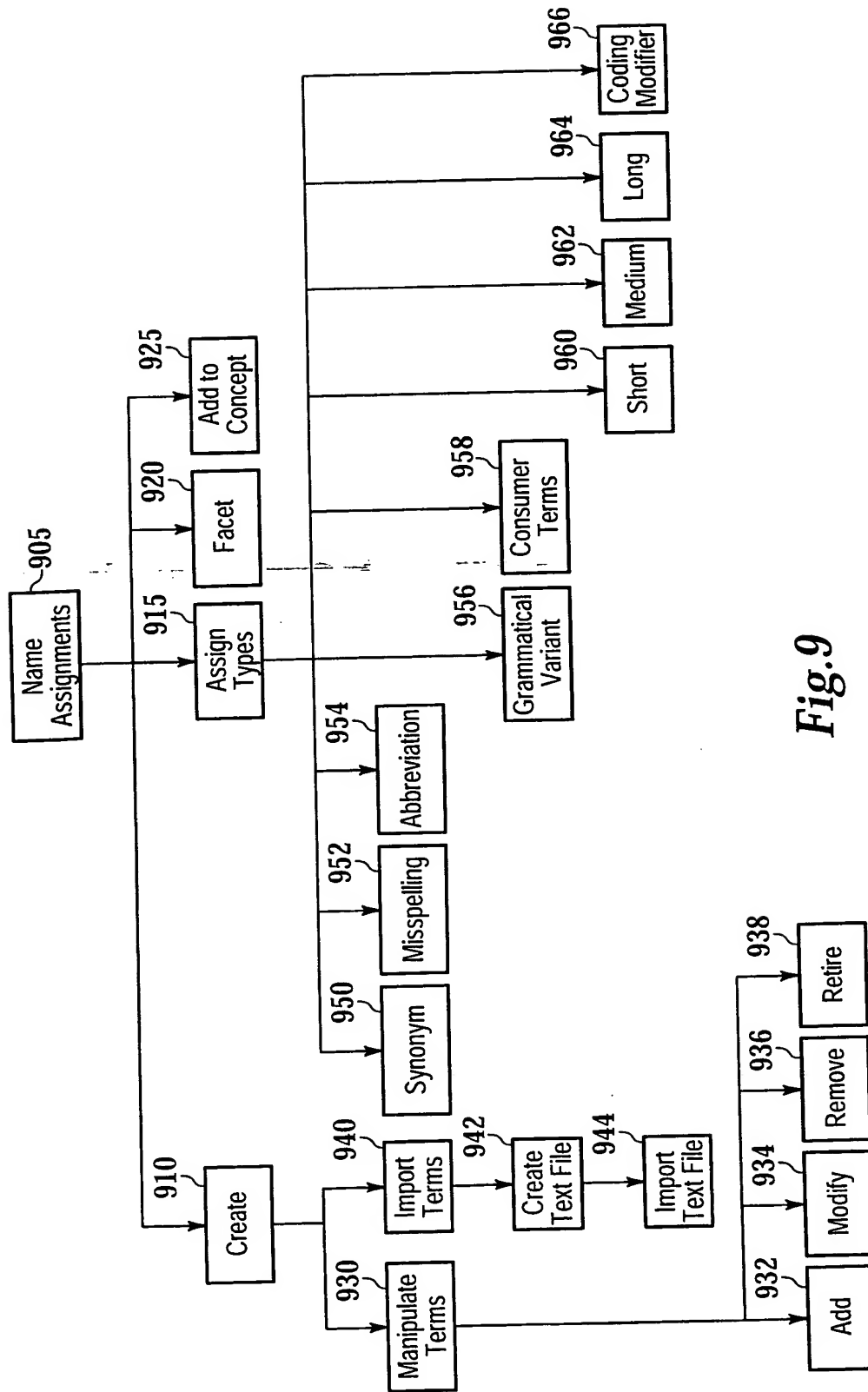


Fig. 9

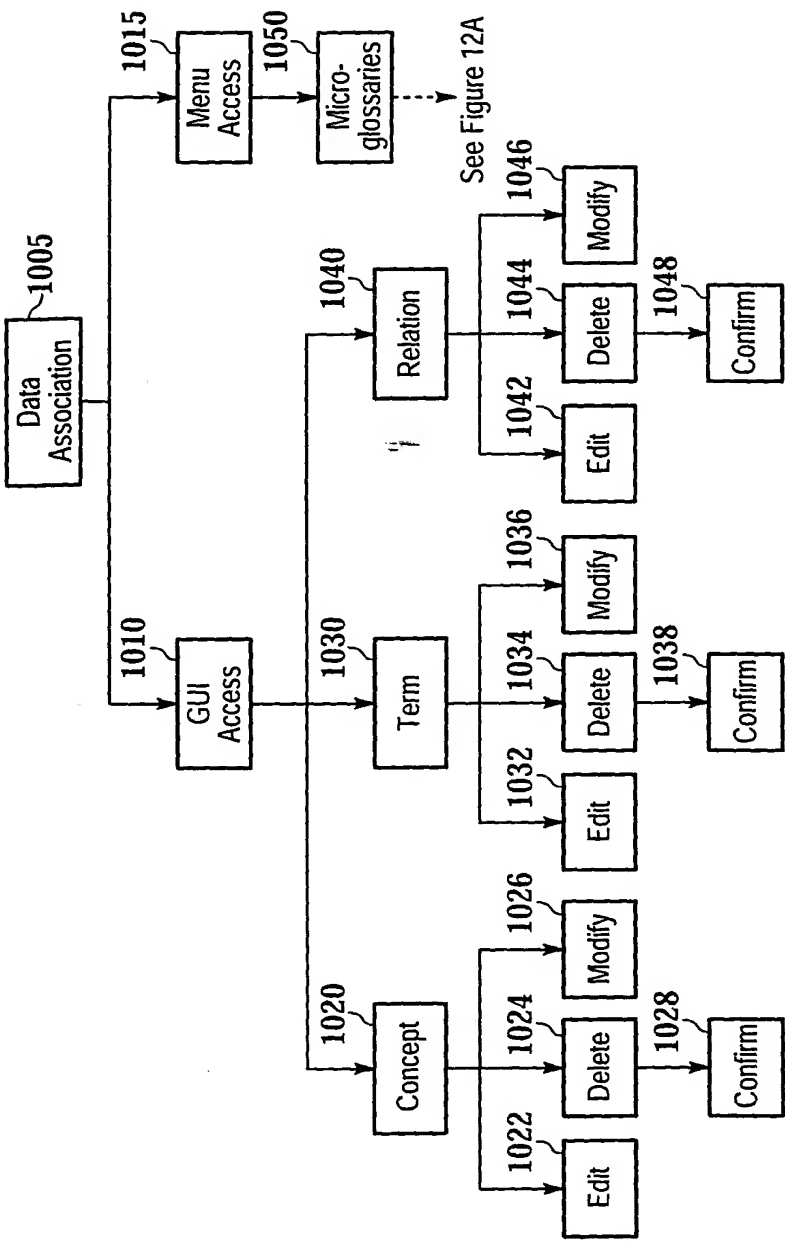
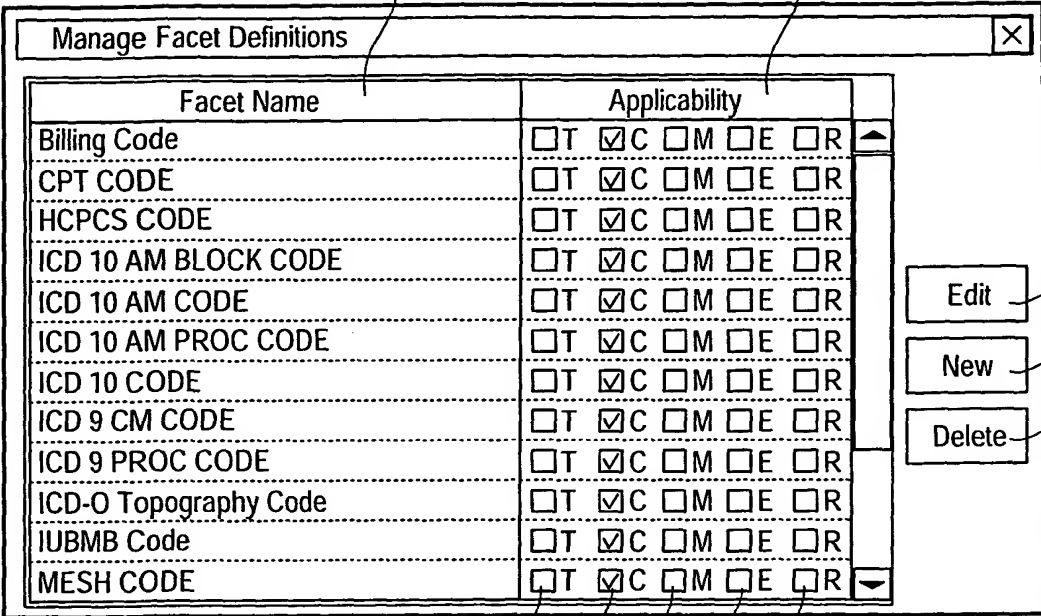


Fig. 10A

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1060 1068



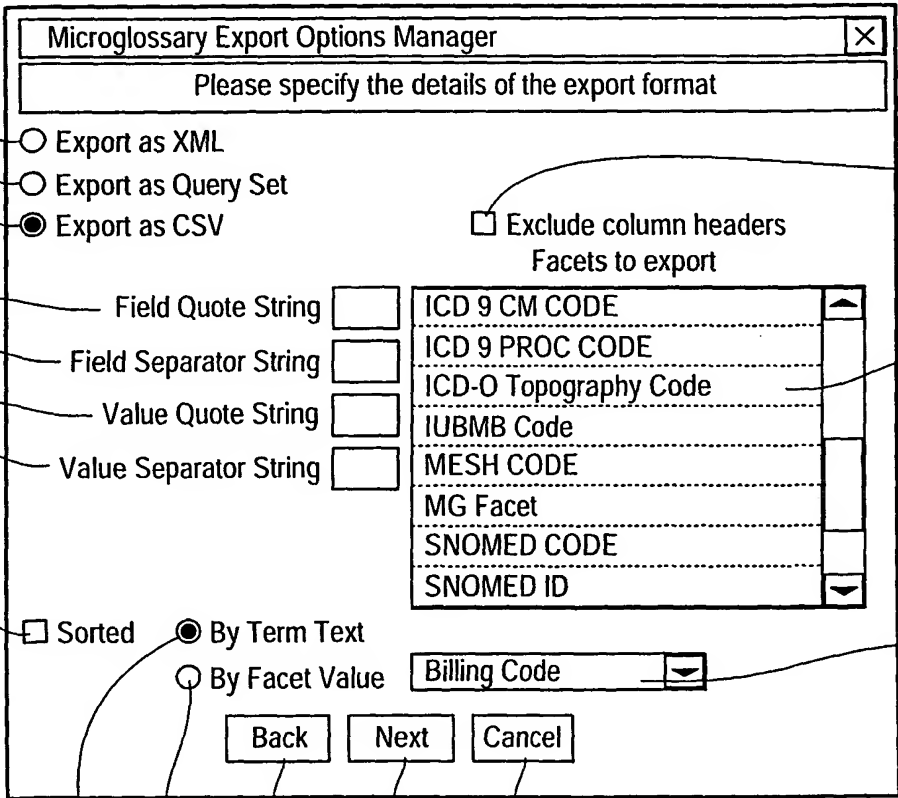
The dialog box titled "Manage Facet Definitions" contains a table with two columns: "Facet Name" and "Applicability". The "Facet Name" column lists various codes, and the "Applicability" column contains checkboxes for T, C, M, E, and R. The "C" checkbox is checked for all listed facets. To the right of the table are three buttons: "Edit", "New", and "Delete".

Facet Name	Applicability
Billing Code	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
CPT CODE	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
HCPCS CODE	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
ICD 10 AM BLOCK CODE	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
ICD 10 AM CODE	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
ICD 10 AM PROC CODE	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
ICD 10 CODE	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
ICD 9 CM CODE	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
ICD 9 PROC CODE	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
ICD-O Topography Code	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
IUBMB Code	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R
MESH CODE	<input type="checkbox"/> T <input checked="" type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> E <input type="checkbox"/> R

1062 1064 1066

1070 1072 1074 1076 1078

Fig.10B



The dialog box titled "Microglossary Export Options Manager" contains the following options:

- 1253a: ☐ Export as XML
- 1253b: ☐ Export as Query Set
- 1253c: ☒ Export as CSV
- 1255: ☐ Exclude column headers
- 1259: Facets to export (list box containing: ICD 9 CM CODE, ICD 9 PROC CODE, ICD-O Topography Code, IUBMB Code, MESH CODE, MG Facet, SNOMED CODE, SNOMED ID)
- 1257a: Field Quote String
- 1257b: Field Separator String
- 1257c: Value Quote String
- 1257d: Value Separator String
- 1261: ☐ Sorted
- ☒ By Term Text
- ☐ By Facet Value
- 1265: Billing Code
- 1263a: Back button
- 1263b: Next button
- 1267: Cancel button
- 1269: (empty space)
- 1271: (empty space)

Fig.12E

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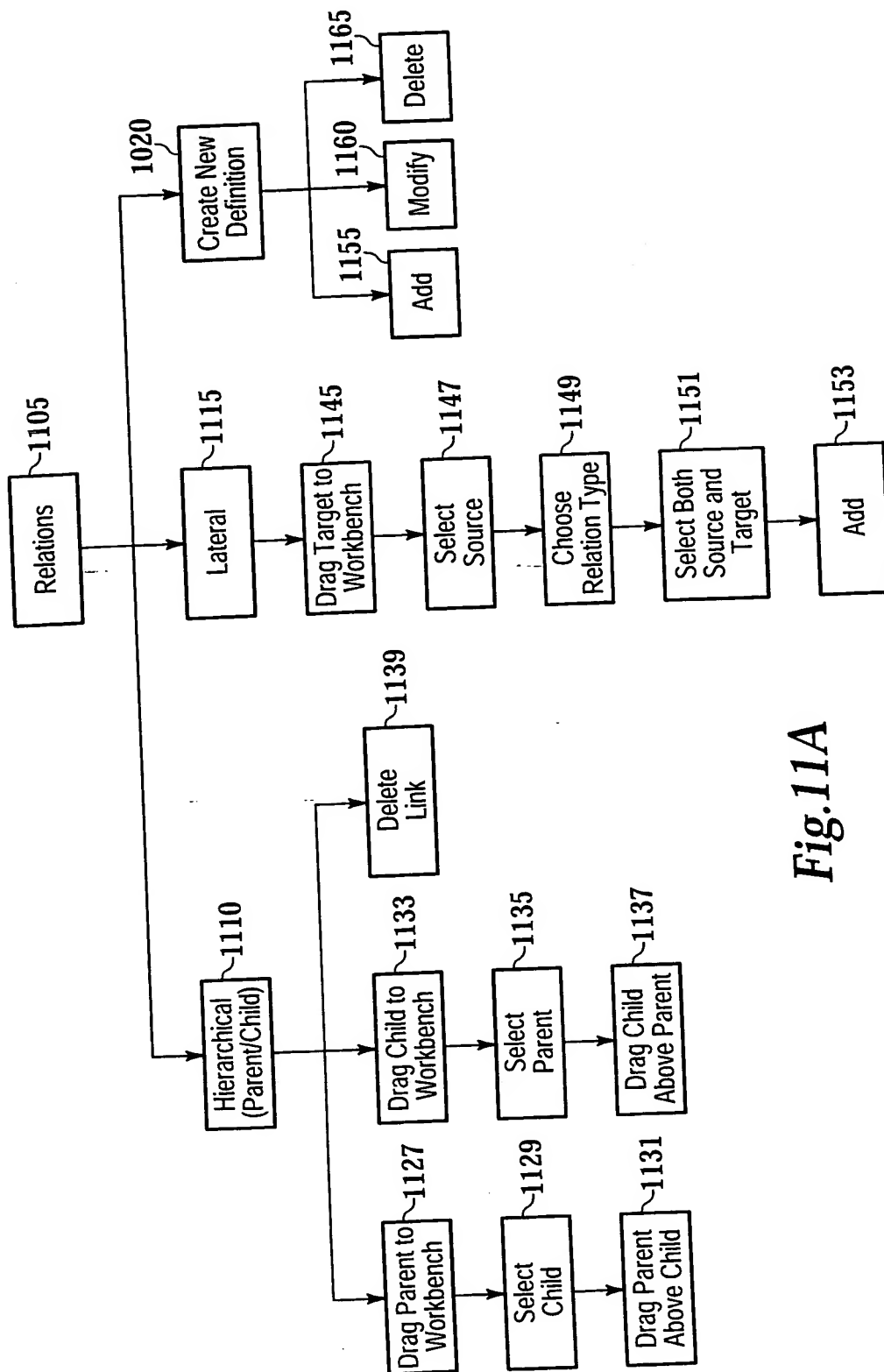


Fig. 11A

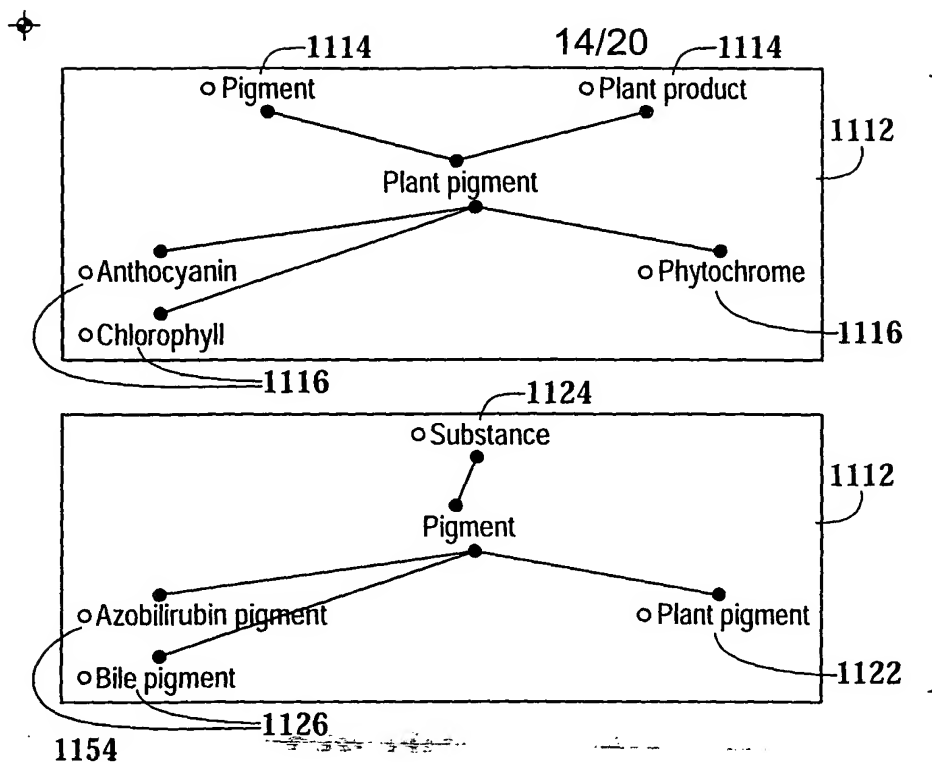


Fig. 11C shows a 'Manage Relation Definitions' dialog box. It features a list of relation names on the left and three buttons on the right: 'Edit' (1156), 'New' (1158), and 'Delete' (1162). A 'Close' button (1164) is at the bottom. The list of relation names includes:

- Foundation < CD-10-AM
- Foundation < CD-10-CM
- Foundation = CPT
- Foundation = HCPCS
- Foundation = ICD-10
- Foundation = ICD-10-AM
- Foundation = ICD-9-CM
- Foundation > CPT
- Foundation > HCPCS
- Foundation > ICD-10
- Foundation > ICD-10-AM
- Foundation > ICD-9-CM
- Has action
- Has active ingredient
- Has measured component
- Has method
- Has object
- Has property
- Has Rose Code

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✦

1170

1172

1174

1176

1178

1180

1182

1184

Edit Relation Definition [X]

GUID:

Relation Name:

Relation Nickname:

Description:

Attribute	Value
Is Reciprocal	<input type="checkbox"/>
Reciprocal Name	
Type Restriction	Equal
Source Type	ICD-9-CM
Target Type	ICD-9-CM
Hierarchical	<input type="checkbox"/>
Inheritance Relation	<input type="checkbox"/>
Cardinality	Single-Valued
Ordered	<input type="checkbox"/>
Transitive	<input type="checkbox"/>
Acyclic	<input type="checkbox"/>
Inheritable	<input type="checkbox"/>
Relationship qualifier	None
Displayable	<input checked="" type="checkbox"/>
Immutable	<input type="checkbox"/>

OK Cancel

Fig.11D

✦

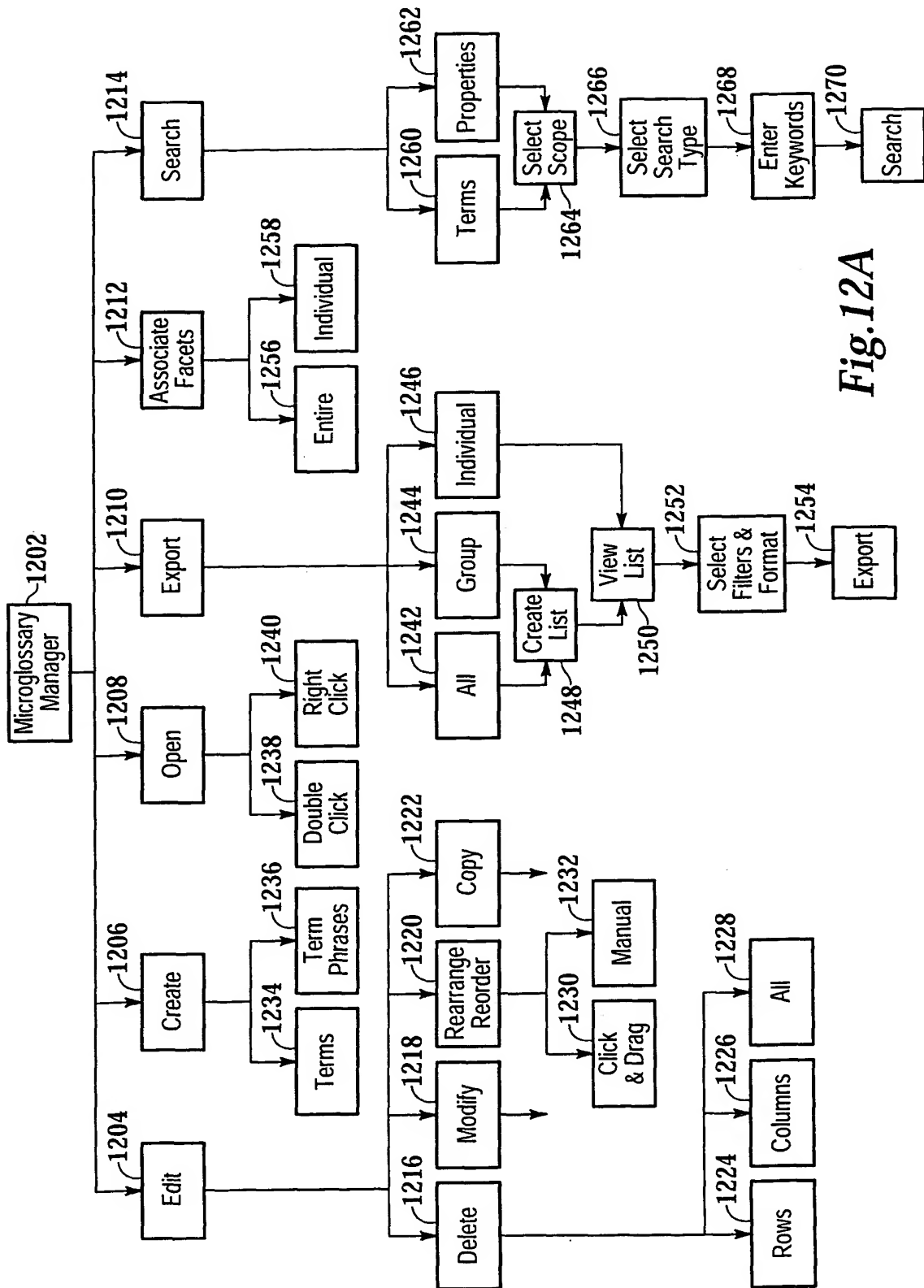
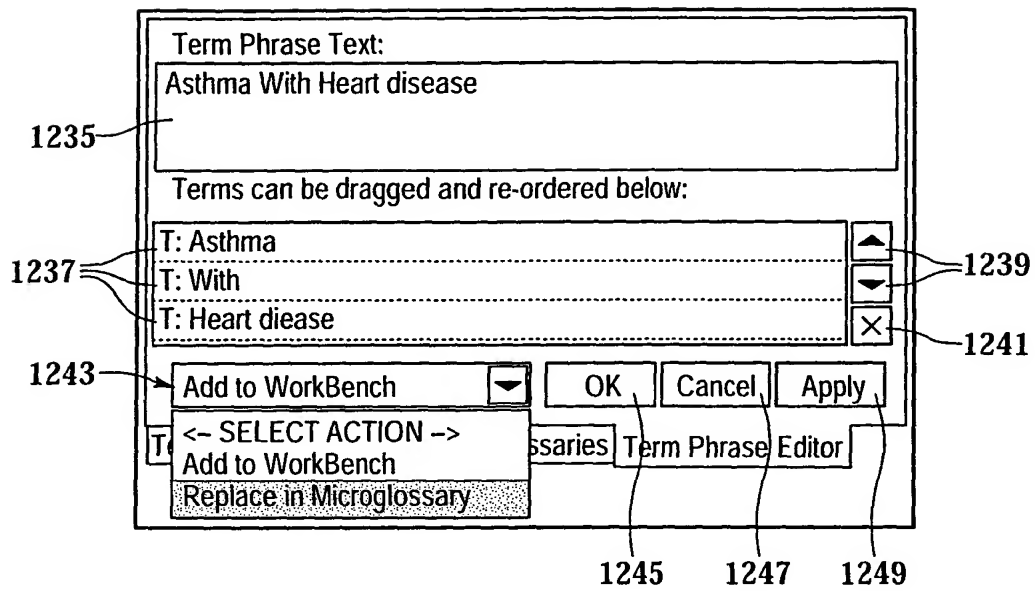
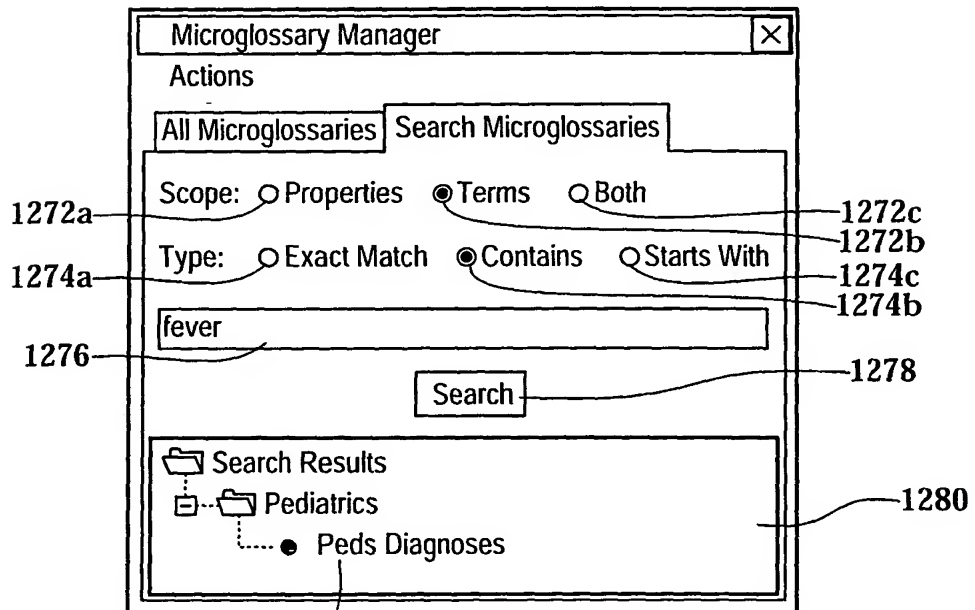


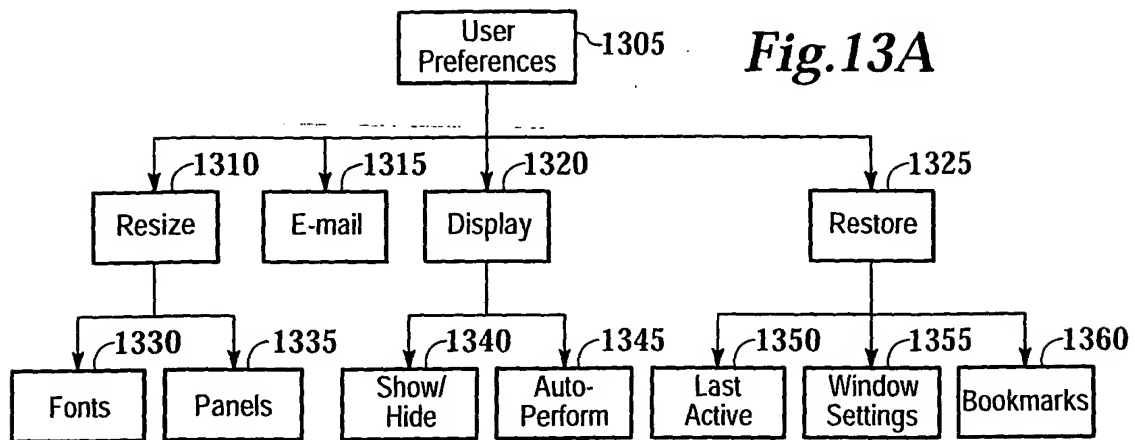
Fig. 12A

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**Fig. 12B****Fig. 12D**

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Edit User Preferences [X]

1326 Session Settings

1351 ☒ Restore last active concept

1356 ☒ Restore window position and dimensions

1361 ☒ Restore concept bookmarks

1311 ☒ Enable Plex resizing

1321 Navigation and Modeling Settings

1327 ☐ View Retired Concepts in navigation hierarchy

1346 ☐ Auto-replace subsumed/subsuming parents when adding a Parent

1348 ☒ Restore term candidates

1314 User Information

E-mail Address 1316

SMTP Host 1318

1337 Properties

1339 Facets Relations

Facet	Displayed
Abbreviation Code	<input checked="" type="checkbox"/>
AHFS Class ID	<input checked="" type="checkbox"/>
CPT CODE	<input checked="" type="checkbox"/>
Definition	<input checked="" type="checkbox"/>
Dispensable ID	<input checked="" type="checkbox"/>

1341

1343

1346

Fig. 13B

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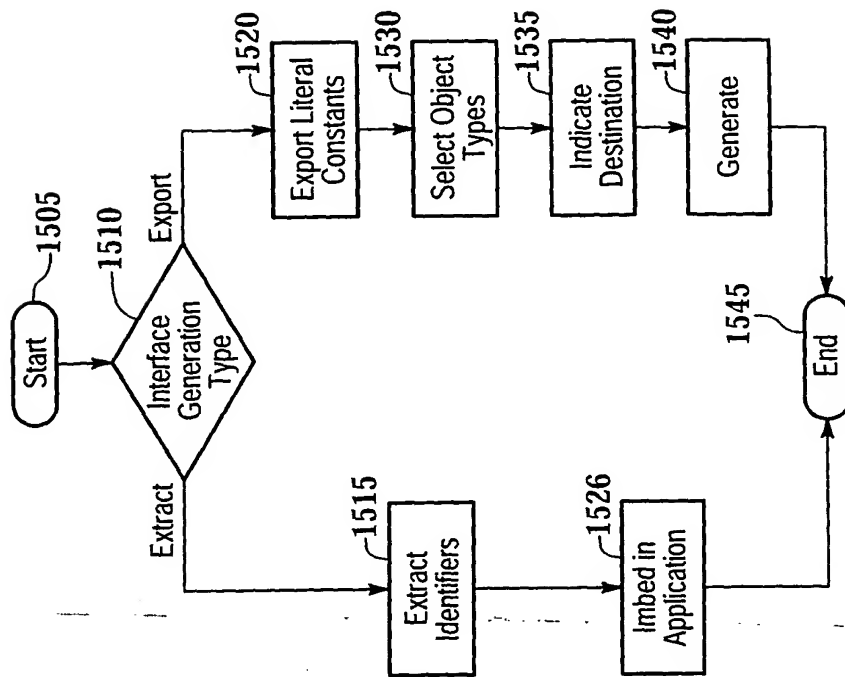


Fig.15

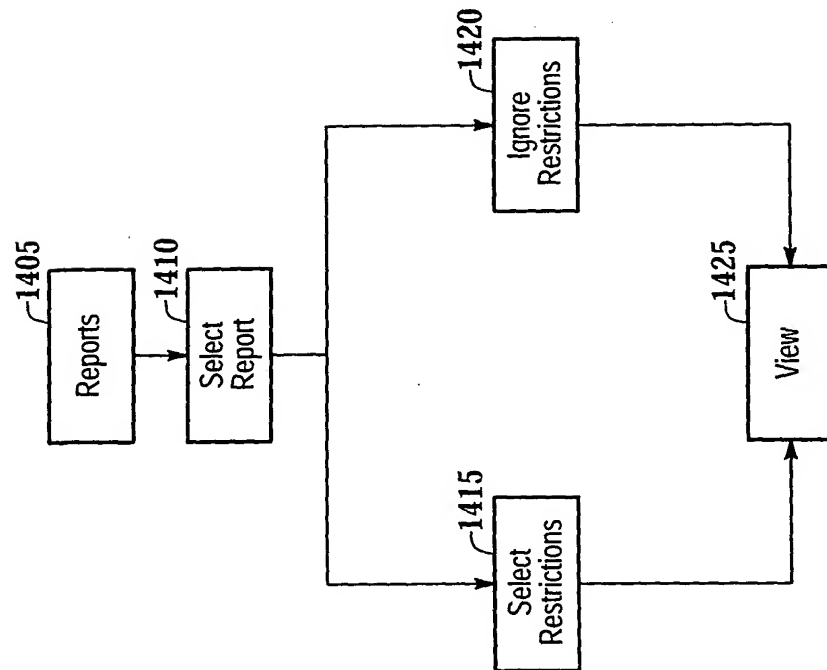


Fig.14